

Brazil 1972

②

Rio

Perma-fide®

MEMO BOOK

NO. M46

100 SHEETS

29¢

NEW YORK LOOSE LEAF CORP.

N.Y.
1

Atta ta the

Brasil 1972

Beemlos (green)

to Minas Gerais n° 2

to Hotel Ilha das Flores

10 km away

10 km away 13° F

color all (black) 74

20

gibbons 153

FAA - 16 (250 mm) and

long tail 7.5 mm the

tail 10 mm

Cllo

Atactantha

1 mil

SPP. 1500

April 26, 1972

2241

Bamboo (pinto)

Bo - Municipio de Valenzuela, N

From North of Valenzuela, Rd from
Valenzuela to Granadilla

Alt - 10 m. S madera

Plots 5 x 10 m. all 18 from
26[±] to end

color = yellow (extreme) 7 from
20

soil sample # 53

FAA = 16g (250 cc) plastic (good) not
lose, some of blade with petioles,
buds & stipe, culms (nodes)
Dense

edge of "male bamboo" low
Tree forest, in sandy soil
blinking, forming ± dense
clumps, up to 8 or 10 m
high

culms white, flexible, thin

1 cm or less in diameter,
but in heath besides, slope
falling road, 1, bent down
wax. 3 or more branches
from a node. They branch
also very well -
Leaves glabrous, long, slender,
lanceolate -
Surface smooth, covered by a
white wax or dust -

2 mil
flora (note)

2242

Chil. Aeonopus

60, M. Valencia, 18 Km North
of Valencia, Road to Guairia

In "campos" - open areas
of sandy soil, avoid patches
of bromelias, sand toads,
cactus plants -

FAA less x inf
big = infloresc -
no sd, no photo -

These "campos" didn't look
like the "campos" of
Belen. The open areas is
full of cactuses but many
grasses also. The forest areas
look like "restings" or
very low, poor forest.

(Desr.) Dandy

2 nials

Hypolecytium virginatum 2243

gr. turf with brosts

some place, open areas
of "campor"-
sandy soil, white sand
may supersess

Needs the cont, little
form of Guaiabim with
beautiful beach

(Photo in Guaiabi beach -
(" of Rioim do in abr.)

FAA inf a leaves -

long inf

binocular

K, MANY, P, LE, B, F, G, W, ISC, WIS, SI, SP, COL, PRE, 2244

Pteris leptophylla

CAMB, C, PE

Bo. Muniz Valenzuela Rd. Valenzuela
to Guaiabim, 12 Km North of
Guaiabim S.W.

soil sample # 54

alt. ~~25 mm~~ 3 m. m. ~~25 mm~~

Very abundant all over
the forest. Delicate plants
in rather loose, open clumps
indeed forming ~~forest~~
below other plants

Sandy soil, very sandy than
Open forest, of small trees
(no visible by older &
green). It is one
of the first plants of forest
immediately after the
campes and vestiges

May herbaceous plants
growing there, mostly
monocots, Monocots, Herbs,
and ferns.

Plants in open, cut
spots or along trail
very small, short and
almost yellow or very
light, poor green. Those
growing in dark place
beautiful, tall and
white. All plants
with flowers from the
base, very few with a
small spike at the
top of the main culm.
Inflorescences small, green, light
but may also red.
Roots - very thin and
long!

Photo : S & W roll 20. from 1
to - 6 a.f

coleo : Eptachrome roll

FAA = 2 rials, 2) leaves, spbl,
in for shoot apex - root?

b) seedlings - very few.

body = may spbl & flowers
3:1 = " infl. in 7 stages.

Timing plant = collected

soil sample = 54

no temperat. (late, no
time)

Few seedlings seen (but
it was late and dark,
little time to do ~~the~~
every thing).

Seeking for collected look
like other seedlings of
Pennisetum - with first
fully developed blade

horizontal but long,
narrow lanceolate and
acute. It was hot
immediately the main
pinney shoot branch
at pine a little, tiny
shoot with a leaf
complement of may
leaves.

Next day, April 27 was
a horrible day, we
traveled for hours,
Paul made several
stops and we didn't
find anything.
From Valencia to the
West tide there is a
wood. The only thing
we saw and Smith
old info. the wds. O.
ramondiana and
a small O. latifolia.

3 nets

April 28, 1972

2245

Raddia sp.

Br. Municipio de Mbaíra, 6 Km

North of Mbaíra.

Rio Jequirizá

Alt. s.m.m. 260 - 270 -

Photo: ^{b&w} roll 20 from 7 to 23
cols: Kodachrome roll #8 from
7 to 15 (there are photos of the
streams, just around the streams
and later from the wash
several of the trees and edge
of the forest -)

b & w = there are photos of my
"compartments" and streams.

soil sample # 55

3 nets. FAD, Brag. 3:1

FAD = leave, shoot apex,
inf. ♀ & ♂, few root

Brugel = inf ♀

3:1 = inf ♂ (~~stems~~)

2246 = *Stephanotis*
~~2247~~ ~~Stephanotis~~ 47 Drawings

Some of the fixed material
it ~~not~~ ^{not} be in good
condition. Plant collected
up in the slope were
so dry and "wizid,"
that I think are not in
good condition. Many others
are in good shape, the
fixed ones collected at
(the edge of the river.)

Very abundant! all on
the front in a smooth
slope and near ~~but~~ ^{at}
~~the edge~~ a river. The
area, specially the slope was
in a miserable condition
extremely dry, and of
the plant, with trees looking
dead. *Roddie* growing
near the river, was in good

shape. Plants delicate,
thin, leaves small, very
thin and slightly pubescent.
Almost all ^{wilting} blade,
see the ^{wilting} (months) of
terminal lvs. 8⁺ long sides
all in very poor the
inf. part the 2° or 3°
node below the terminal
Female inf. for about
all nodes, sometimes
the last one in the
terminal lvs system.

Small syn. ~~seed~~
1-3 *Phaeolus*, usually
1 or 2.

Tip of the blade like
in many other *Roddie*,
or Root thick, tuft-
-like tree forest, not
dry land. Both. No rain in

This place for 10 or 15 day-
soil temp = 75° (near the
water)

Atm temp = high 78°F
low (overnight) 66°F

K, MO

2246

Streptochaete spicata

Same locality

Not very abundant in the
damp.

F.A.A. (leaves) small & gray
body " "
no roots, no soil

K, MO, NY, P

2247

Phaeus sp. (looks a party)

same locality in the damp.

some specimens with terminal
not spherical in the main
axis of the infl. (specimens
very long and "mustard" like)

F.A.A. few leaves, infl.
body "

2 vials

2243 Tolpata, Ind

73 v-
total 3 v

Pineia rhizopoda

April 29, 1872 2248
Bo. Marin. de Ubarra, 6 Km.
North of Ubarra. Rio Tequiroga.

2249

Panicum grandifolium Doce

Plot: b/w will go from 23 to

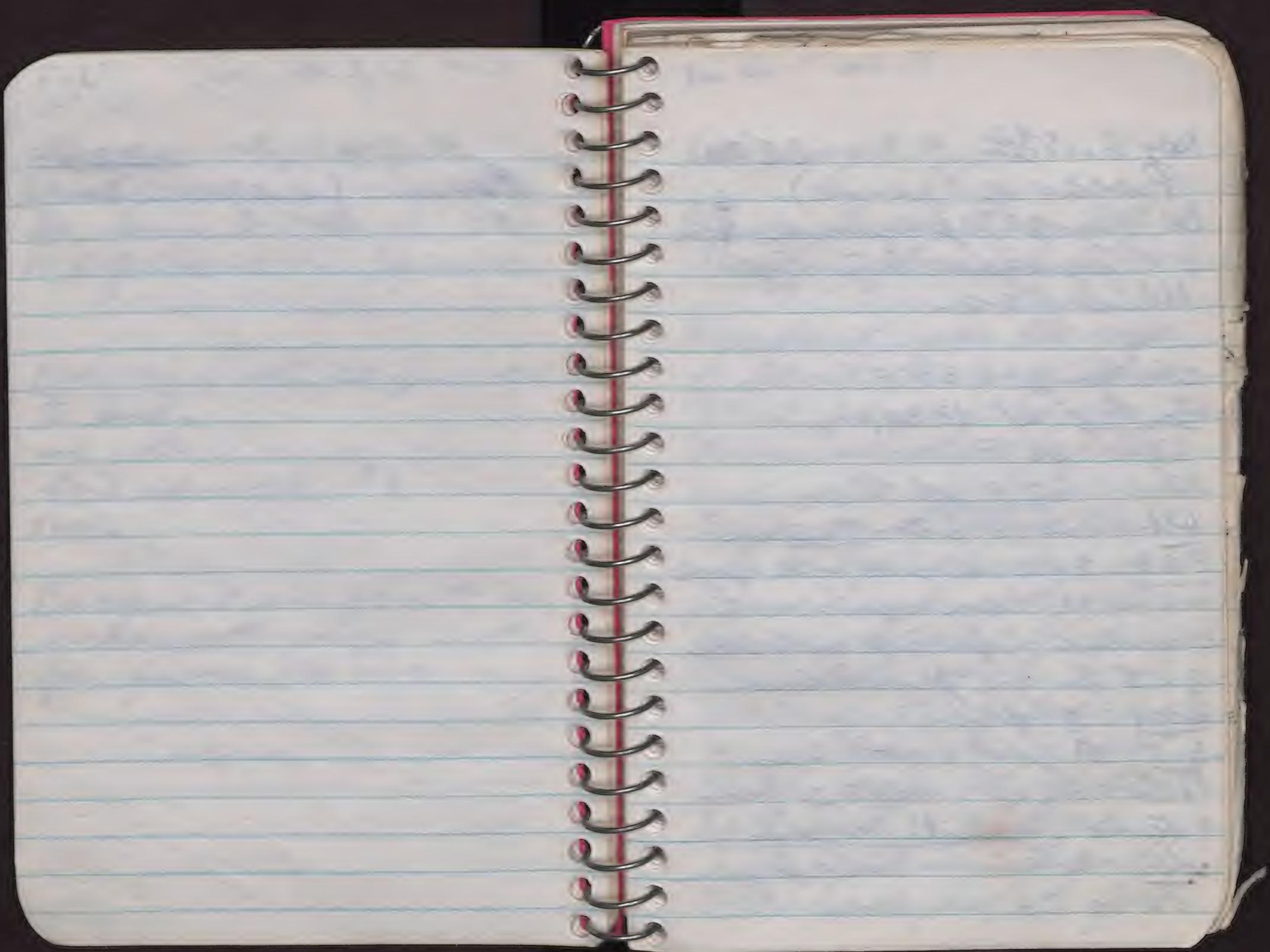
to end -

no cold.

soil sample 56

3 vials

Frequent in forest, on
a smooth slope not
far from the river.



Barroso - mil 58

May 6, 1972 2250

Prostheca sp. (grande) 6
60. Municip. Jaguara, 3km.
S. of Jaguara city - Fay.
Mundo Novo -

soil temp. = 69°F.

At temp. at 12.30 p.m.

high 66°F

low 62°F at 8 a.m.

Alt same = 680 - 700 m.

FLA: 4 incl: a) layer with 20%
veg; b) leave a sp. with
2 seedlings; c) forest with 50%
2 x 8 in one predominance

Boys: 2 sp.

3:1: 8 sp. & 20% tips

Plots: 5 x 5 m. roll + 21 from
1 to 16 - (excellent! photographs!)

obs: Kodachrome roll + 8 from
16 to 26 (ex. fresh)

soil sample ± 57

Fazenda Mundo Novo, prop.
Dono Fábio Amorim (Cinchan)

Abundant, near the edge
of forest. In some "bambu"
forest, growing under
Dominicanas, Sumpo
and other vegetation.

Large and ~~elat~~ ^{elat} plants
up to 1 m or more. Plant
pubescent, (also, ^{elat} heath or
shrub). Blades, large
lanceolate acute or ^{elat}
become tip of blade more
or less irregular, or blunt
(Ruellia type). All parts
with many infls.,
predominantly 8 infl.
Flowers several from

each node (the mid and upper ones) and terminal to the culm. From 3 to 7 *Andropogon* flowers in each node or spike, usually 4 or 5. Male spikelets with the large number of pistils in inflorescence. In several plants in the terminal spike or nodes below the last 1 or 2 spikelets of a spikelet are female. Female flowers are small.

Male flowers not only apical but for whole node below.

2 flowers in the nodes 3 and 4 nodes other, long with 3 spikelets 1-3 or spikelet 4 at the next node.

Young, small plant also blooming and with more than 8 leaves to be first of flowers appear first and as the plant grows older increase the production of 8 inflorescences. ~~but~~ The δ are also found in these plants but in less proportion than the male. Several seedlings and baby plants seen and big clumps. Seedling size of the bambusa tip but the first is yet to be developed blade is not broad but narrow lanceolate and pointed. ~~but~~

It remind me of
the valleys of Chiriquí
(which were visited)
It is a beautiful and
extreme type of forest
not seen in other esp. on
of bohío. It is, tall trees
but scattered here and
there, mixed with
lower trees. The profile
is very irregular and
looks like a gravel
forest. It's dark and
difficult to walk
there in the middle
in part, because of the
bamboo -

Rodríguez in his
"mata cipo" it's the first
forest which comes after the
catinpa -

~~Monte~~ Mata

"Mata cipo" is not really a forest
but mixed of shrubs, low
trees and many "cipo". Had
to walk in a field of spiny
plant, lot of big borachia
(herbaceous) and some "casta".
Dry, scrubby type of veget. like
the Atacama "Monte" or the caatinga
"chaparral". Rodríguez was
growing there, and very
much abundant! all flat
blooming although plants
were so little small, to
those collected in the other forest.
"Mata cipo" is the boundary tall
vegetation. ~~With~~ ^{With} comes
after the "catinpa" (scrub,
dry type of esp. no trees, or very
small, lot of shrubs)

Bamboo (good
6-8 km from Puebla,
Fayende Nord Mounds)

2251

Address - 6 km S of Jiquilpan.

Bamboo

2251

Merostachys

culm hollow in + all
branches; otherwise entire
filled with soft pink
hairs green with mottled
hairs. A lot of hair
exterior, inferior -
Many branches from a
node.

long, very soft very pale
culm sheath. Very long
triangular, more or less 28
or more in young new shoot
black inside, brown
culm sheath with short, retrorse
hairs & little soft
hairs

Internodes not very big & round
Dense clumps of
culms 2-1.5 m diameter

windings up to 15 m
soil temp 65°F low ^{about} 58°
up 60°F at 4:40 pm
below - fall 21 from 17 to

31
color Kodachrome 208 for 27

32± ft.

34, 35 - Missed outside so he
and dad at mate-

Merostachys *finosell*

May 7, 1972 2252

Bamboo (finos)

8.5 km S of Jaguaqueasay

Merostachys

Phm for Jof.

PK, MO, NY, PLE, BFG, 2252

7' bamboo - finos

Alt - 200 m

B & W photo: will 21 phm 32

To end - a will 22 phm 1 to 16?

color - not yet run.

soil temp 67

Alt - 10 - 12 m

all colors, thin wall

~~thin~~ ~~thin~~ 1 cm in
size or less, climbing
many branches from 10

mm

2 sets - leaves, see a few
short spic.

2253 Schuster

2254 Pharus fitzgeraldi
↓ Hill Temple 60

Leptatheria = 2 nals P.S.
Pharus 3 nals -

Pharus will 22 for 16 to
23 -

"Pacuarensis" - n.v. & Olyra
latifolia -

- R.A.P.
- 2000

Leavenworthia
Parvula sp.

2253

M. Hickey

FAA-
BOCG-

K, MO, NY, P

2254

Phanus (with apical, terminal
spots)

May 8, 1972

2255

Piresia obliquophylla

Mun. Tapauá: 6 Km East
of Tapauá: City: Fazenda
Mundo Novo.

ca. $13^{\circ} 32' 30''$ S - $39^{\circ} 55' W$

Alt. 700 m

Infrequent in forest with
bamboo dominant

no photo, no soil

Atractantha octostriata

May 8, 1972

2256

Bambos (just across river that
is, Munapet Jaguaguara,
Riachos de Ouro, at 22 Km
SE of Jaguaguara city

Alt: ~~600~~ m - 625 m.

Photo: base of culm = 22 from
30 to end & roll = 23. for 1-5
13-14

Color: Hodachrome bl + 9 from
14 to 28 023

soil tem = 70° F

Air tem = high 72° F 72° F

Big bunches in dense
clumps up to 15 m =
Thin culms + 1 cm in
diamete - solid flexible
Culm sheath persistent
in late specimens

leaf blade 2257

160-180 mm x 12 mm

blade S with large early
stolal setae and hairs, long
decurrent on the edge
A ring, like a crown
of hairs at the base of
(below?) the node.

Flowers: One main branch
in each node and
several small, thin
ones. 

In 20° this branched
sometimes hard to
see if there is one
larger than others
leaf thin, leucostole,
with short pub setae
(white)

May break for node
but the initiation of
branches is upright

not like in the next
bamboo - (intraordinal)

soil sample # 61

FA A = 2 vols, 3) 2500 m from road
) small with blades, petiole, short
aff. & roots

Pisum: collected

beautiful bamboo with three
rings of large, milky, hairs of
bright colors & long, curly oral
area.

It is very abundant all over
the forest, and in some places
mixed with the next (2257)
bamboo.

Part of beautiful forest, in plant
(the back) cut a burn.

Microstachys

spp.

2257

bamboo (entire)

Ca. Mun. Jiquiqua, Riachos
de Ouro, 22 Km SE of Jiqui-
quara lit.

Alt: 800-625 m.s.m.

large, tall bamboo cl. 20 m.
tall. f. overhanging over
trees

culm W.E.R. abt 4.5-5 cm
in diameter - dark green;
in the upper part of the
internode with a white wavy

culm sheath large,
narrow, rounded at
the top, dark reddish

only in very young culms
when red. They are
smooth, no hair or spine;
abaxial surface shiny,

fluffy -
bulky hollow and
very strong -
Many bracts per node;
in older culm see that
bracts are in two or
3 rows almost all
around the node -

Culm bark with a very
small leaf complement in
young culm, few leaves
broad, "Olive type" - In
older culms culms

blades longer and narrower
not so wide -

Blades rather thin, smooth
pubescent?

Clumps not very large

Other ligule collected -

long ligules ca. 26-32
culms long - 65-80cm

Soil sample -

F A A = 3 gal -

3) leaf soon in the sand &
about open

3) leave (old culm)

3) " (young, broad)

Soil sample # 62

Photo: box w soil = 23 fm 15°
to end?

color: Kodachrome (soil) well 9
from 28 to end -

branches rather thick with

the base covered by several

bracts (or sheath) with visible

associated with this other
bamboo (2256)

Chiquis (Petróglia)

May 9 2258
Brombos (but below Heath!)
de *Muricius jacchus* guara.
36 Km SE of Iquique city

Alt: 360 m. s.m.n.m.
soil temp 72°

Stn h at 12:30 = 70°
(little rain)

soil sample # 63

Abundant, along roads,
rivers, (steep or a crack)
buried under, look
like one *Oryza*, small
clumps, *Helicoverpa*? or
up to 5 m. but usually
adult short about 1 ft
1.50 m.

Clubs solid but rather
soft (yellowish?)

but below Heath (but
they break through a
soil of bent or the base of
the Heath that seem to
cover it below the rock.

There not ~~there~~ ^{is} one
entire plant and
2 or 3 on each side.
They develop in 3-5 branches
sometimes one larger
than the others. Besides
with leaf complement
now upside down, i.e.
in opposite direction that
the Heath (with soil) of
the culm.



bulb beneath ground
very ^{rough} ~~soft~~ (picture appears)
with long upper acute
blade it looks like it is
very little differentiated
between them.

New culms went up to
2-~~3~~ 4 mm if more
weak and leaning
against other plants
bulbs no more the
1 cm in diameter or
a little more.

Very large leaf as plant
and very large basal
anecdote leaf blade -
blade thin, very delicate
(unusual for a grass)
They look exactly like
the Oryza but much
more thin than a lot

folia.

In other part of that point
I saw one with taller

basally. Can tell

Food - one of the most
beautiful I've seen in

Bolivia. The road
cut through the forest
one can easily almost
find the car. Can

The upper left road
side of the road (coming
from Japan towards)

it's the creek where

we collected the beauties.

On the other side of
the road the forest
goes up (a slope of
a hill) to the top -

that I couldn't see that
part of the forest.

Nicaragua was really bad
start to rain pretty &
lightly. The road from
Jiquiquira is not
very good but quite
safe to go
weather. But from
that area coming
down to Apureo
and starts the road
is horrible, impossible
to go with rain.
All that road for
that place and been
before, up to Apureo
since there is nothing
but there are many
place with port
along the road or very
near. It has to be port
but it doesn't look

so beautiful mouth like
that area. (Nicaragua
didn't know of that
spot.)

FAA - 2 miles : but (only)
1) leave a place with base
of slope.

Note 5 new only - roll
#24 from 1 to 21

Region is colored.
(From Jiquiquira to
the place it's about 1 hour
or a little less (with a pick up
will) From there to Apureo
at ~~about~~ 2 hours 2 hours
and a half -

May 10

2259

Be., Manitoba

7 Km North of Flin Flon

Orys ecaudata ^{stell} _{re off.} gigantea

Oryz (Rushy) gigantea?

(Same spot where I collected
before).

Large plants in same
dumps up to 3 m tall.
Very few plants with
flowers. Inflorescence
born in a separate
shoot from the base
of the plant. Vase-like
in shape, small (1/2 in)
the first ones, $\frac{1}{2}$ in at
50 cm and so on to
a then very large (1.2 m)
with flowers at the
apex of the culm and

cf. *Merostachys tenuate* Nees

also from sand
node boulders (1 or 2
patrolling x node)
Rough leaf of these
with very reduced
or small stalk.

Large *Parinari* sp., open
spbl on the slope (+ the
D. lobafolia) -

No plots, no soil

FAA

brng.

May 10 K, MO, NY, P, LE 2260

Clamboos (huge blocks)

bl, Marufis ~~Shrub~~^{wood}, 12 km
N.E. of ~~Shrub~~^{wood}, (going to
Br 101.)

Alt. = 225 m

Soil Temp. 72

Air Temp. 68°F at 4:30 pm

Soil sample # 64

Photo: per b & w will = 24 fm
22 to 26.

FAA = 200: max with leaves

500 cc with buds.

Leaves isolated

Large samples in the study,
bitter culms, over 1 m
in height, about 8 m?

Or more by myself 3
branches from a single
corm 2, and the

middle one very like
thorn, small, over by boat.
Well, large leaf w/ ple-
nate. The bark pink
the leaves ~~are~~ ~~green~~,
up to 1.80 m.

Blade broad lanceolate
strongly symmetric at
the tip. Lc 40cm-60
cm long, strong, gla-
brous.

Bulb very large,
1.5-2 cm diameter
with a covering of
hair. Bulb surface
smooth - bulb sheath
also slightly smooth -
fine line 4 blanches
from a node.

Blad want in beautiful
form, on a ship

first time for many hours
now, sun and ~~water~~
C. didn't want to work -
(no working alone) but
we collected the bamboo
finishing about at
night.

?Radistylia sp.

K, MO, NY, P, LE, B

May 11, 1972 2261

Co. Tlaxcala de Hacienda
Colonia, 18 km NW of
Tajin de Colonia on road
from Sta. Cruz de Victoria
to Tajin

Oxya sp. (various?)

Radistylia sp.

Abundant, in some places,
dominant plant in forest.
Forest is open, but at
present in very bad
shape, extremely dry
after may day to last
rain. There was a
small stream there,
now dry.

Pretty Oxya in ± 70-100
height. Inflorescences
terminal to the culm on
and from 1-2 nodes

below; in some plant, 2
pedicel inflorescences
All inflorescences flowering
and only one plant with
a young inf (in-herb)
and a young one (in P.A.)
but "immature",
♀ spike small.

Roots: very strong and
thick. Radicle-type
P.A.: 1 rad with leaves
and 1 infloresc.

Soil sample # 65
no pots, no temp

Ht: ± 170 mm

This forest is probably
one of the few that
still remain in a
large area with where
forest was cut over
and at forest turn

in forest. Very dry
soil, brownish
In some places this
Oxalis is associated
with Reddish ~~Brasilian~~
and Reddish polyposidic

2262

soil

Stephium guianense

~~*testiculus*~~ *polyposidic*

comes in very poor
soil. Plant is
not very pretty due to
a dry period but still
with many flowers
Very few & seen, all
of them small
In some places with
Oxalis sp. and R.
brasiliensis?

FAB - leaves a few
& infl. some root apex
no photo, no soil

2263

Same place

Reddie (bisected?)

O hordeum in dry forest

of all three species

I started this one was
to be the less expected

Early by the lack of
water? Few plants

no dry ground in place

but I saw many more
short corn for the

base of old dry ground

(The same for R-
phyllodes)

Smooth, thin, glaucous

blade looks like

the Reddie of Brazil do

I collected with them -

Also I find I collected

in the 2° Safari (South
near Tchapé) (southern
stream) was with other
2 other Reddie -

ESS - less

no plots, no soil
(this was such a
we were in a hurry
was driving from
Tritan to Olinda -

Bands for mice

15° 15' S - 39° 06' W

2261 Oryz. sp. soil 65.647
2262 Redd. step. pg 11
2263 Redd. brook pg 11

Abrachantha cardinalis

May 12. Mice 2264

Bands finite

new roll 24 fm 27 - ad

~~old roll 19 fm 1~~

left on lot (open corona)

and roll 25 fm 1 - to 5

high temp 76°F

low 70°F

soil temp. 75°

Cub. mft. approx. 500
cm \pm 167 cm or less

be smooth - peritent
block sections 4 cm.

smooth & slightly bumpy

May the blocks small
but one main one

10-15

2265 *Merostomys*

males ♂ life larva
all 25 from 6 - 22

2266.

60-60 ♂ sp. with orange
all 25 from 23 to 30

♂ *Merostomys* 2265

body color brownish
"tide". Very narrow &
nude. Lips like in
body color with thick
edges, wavy-like, c. 15 cm
in 1 cm. smooth present
with fine & short surface
leaf conduct. Large with
large granulated, rough
body.

Broads. $\frac{60}{70}$ in

more or less ^{more or less} asymmetric
Atractiform
brighter colored -

♂ 60-60 2266

intervale 2 40 cm

branched & nude. in
main colors but in the
long bracts at the
top and give 2 or 3
bracts solid very strong
and hard smooth
luminous face but
with body for margin
bristles ^{bent forward} in the oral attack
in mouth luminous the body
very smooth.

length c. 1.25 in ~~to 1.5~~
- fish, flexible or
rigid, up to 12-15 cm
leaf conduct in the body
deep.

Leaf long, narrow with
strong asymmetric placed
in the body, not persistent

De. 3land:

7 km SE

Rd. Una - Olinda, 7 Km North

~~at~~ ~~at~~ Mata Branca -

very short, sel 3 -

soil sample # 66 for all

3 bamboo

Alt: 50 m

2268

Panisselle

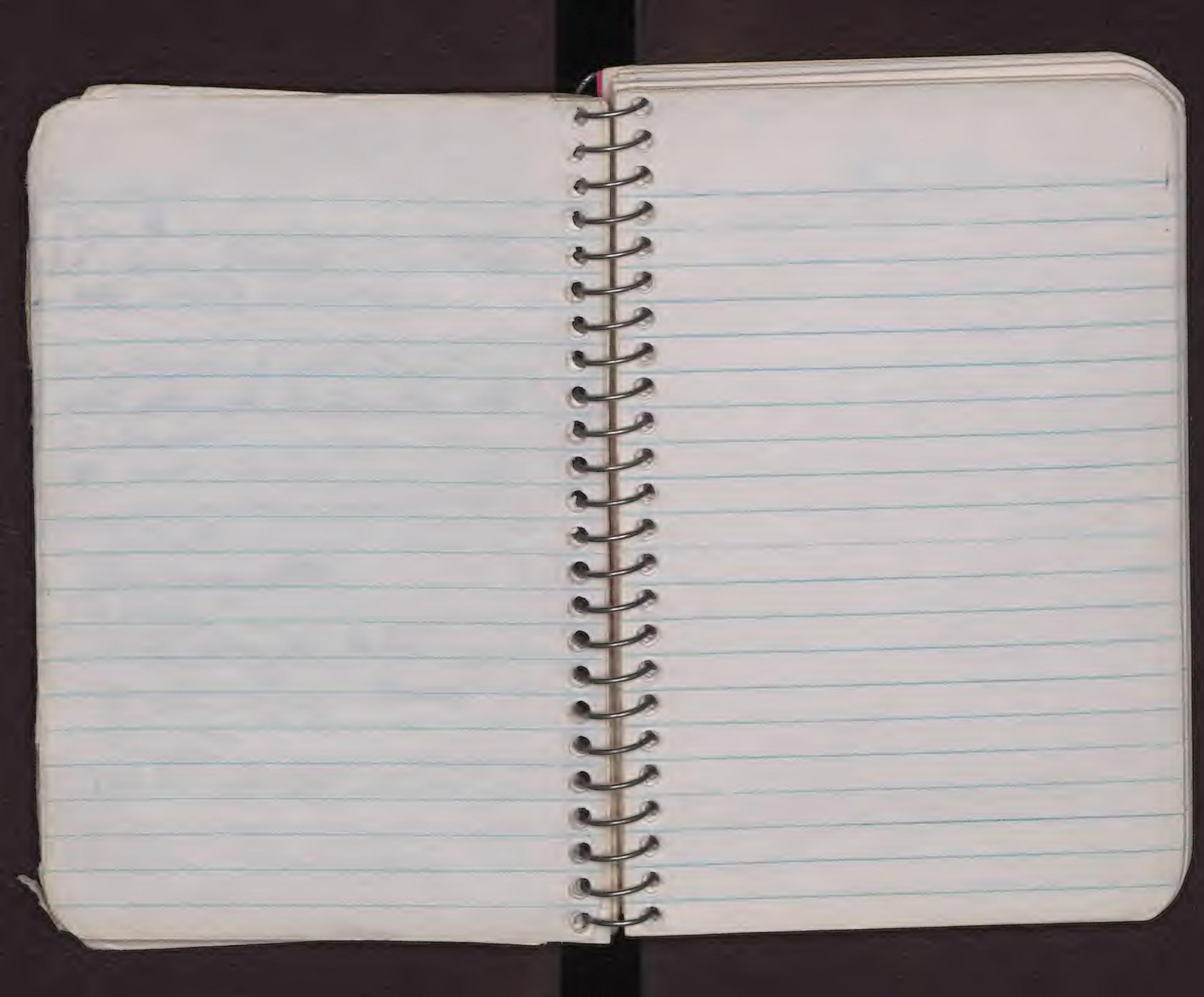
4 mals

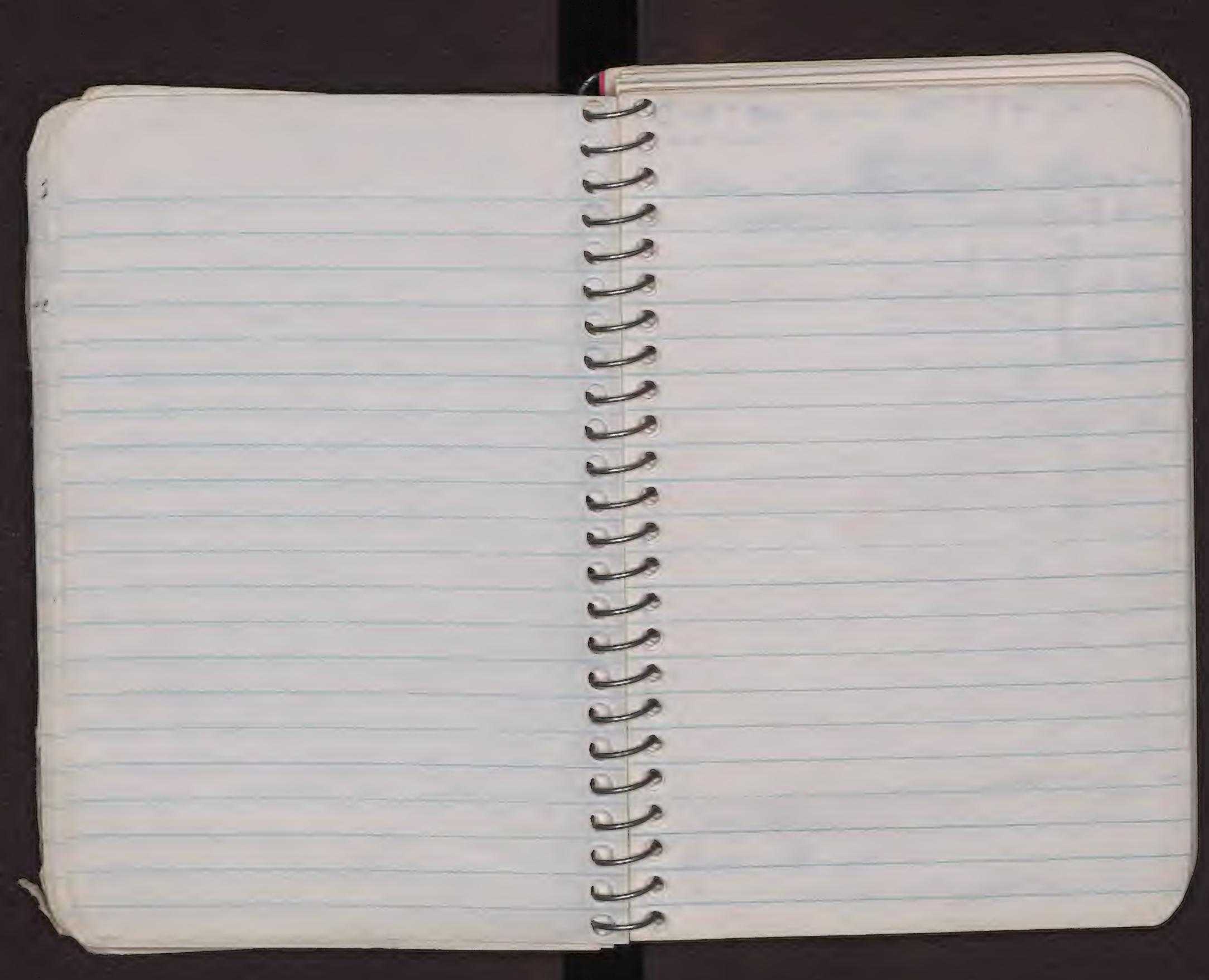
soil sample # 68

5.5 km S for Una

4 mals

15° 19' S -- 38° 05' W





$\pm 15^{\circ} 20' S - 39^{\circ} 06' W -$

and rest in me

May 13 ~~Peru~~ 2267
Nioree ~~Chile~~ 1700 m. 3 hi

1. Abies
in de
re ge 3)
2) Apenn Spina 3) Ab
M. of Abies (Sensu lato)
belong to:
France, Denmark, etc.
(Hans Brinkmann)

predilection for
body - ♀ apl.
3:1 many ♂ apl. a h

Oligosoma sp.

$\pm 15^{\circ} 20' S$ -- $39^{\circ} 06' W$ -

no nest in nest

May 13 Altimira 2267
Nigores
~~Estancia~~ - Oyo 300m 3' H'

Do, Municipio de Urea, Rd. Nro.
Lauta Lujia, 10 km S.W. of Urea, Dist. de
Limente & Pimenteira, Faz S. Jorge

Alt: 25 m s.n.m. -

Plot: few coll # 25 for 31
to end and coll # for 1
to -

coll: Kohlschreber coll # for
1 to -

Soil sample # 67

Bl. top. light at 12.30 p.m.
80°F.

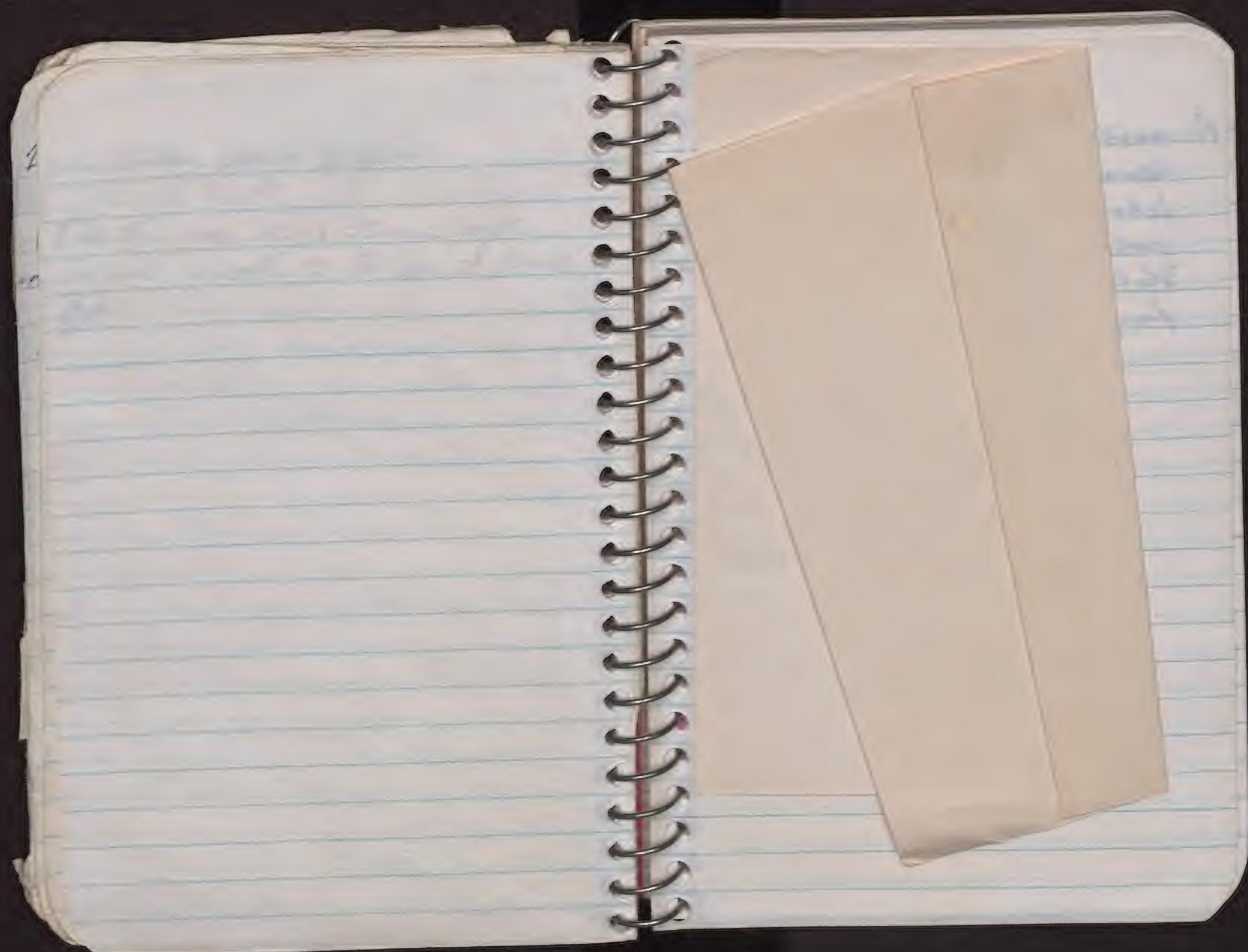
Soil temp. = 72°F. and
FAA = 3 sub. 2) leaf, sp. cut open
3) mulch - c) surface with many
prokteria

62% & sp. 1

3:1 many & sp. and

Iseney jup & yhl

Plants up to ⁷⁰ 1.5m high.
have small & so but fine
fls



Ms Calderón--

Mix-up on numbers 2121: which is correct?

There are some loose specimens of yours from Brazil at end of your cabinets: we should look at them and decide what they represent.

Reddix brasiliensis

Prado Júnior.

South Mato Grosso

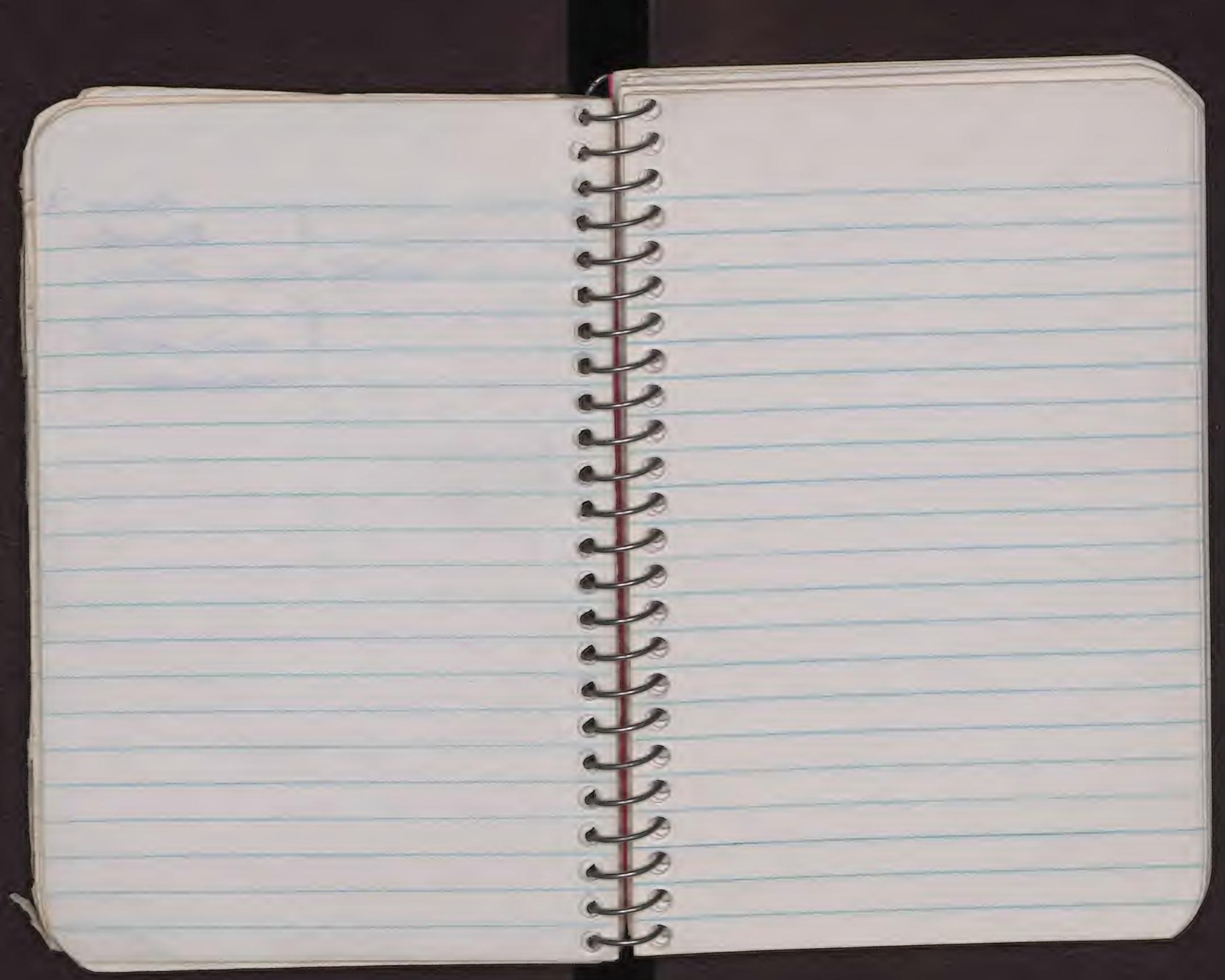
Bahia? Pernambuco?

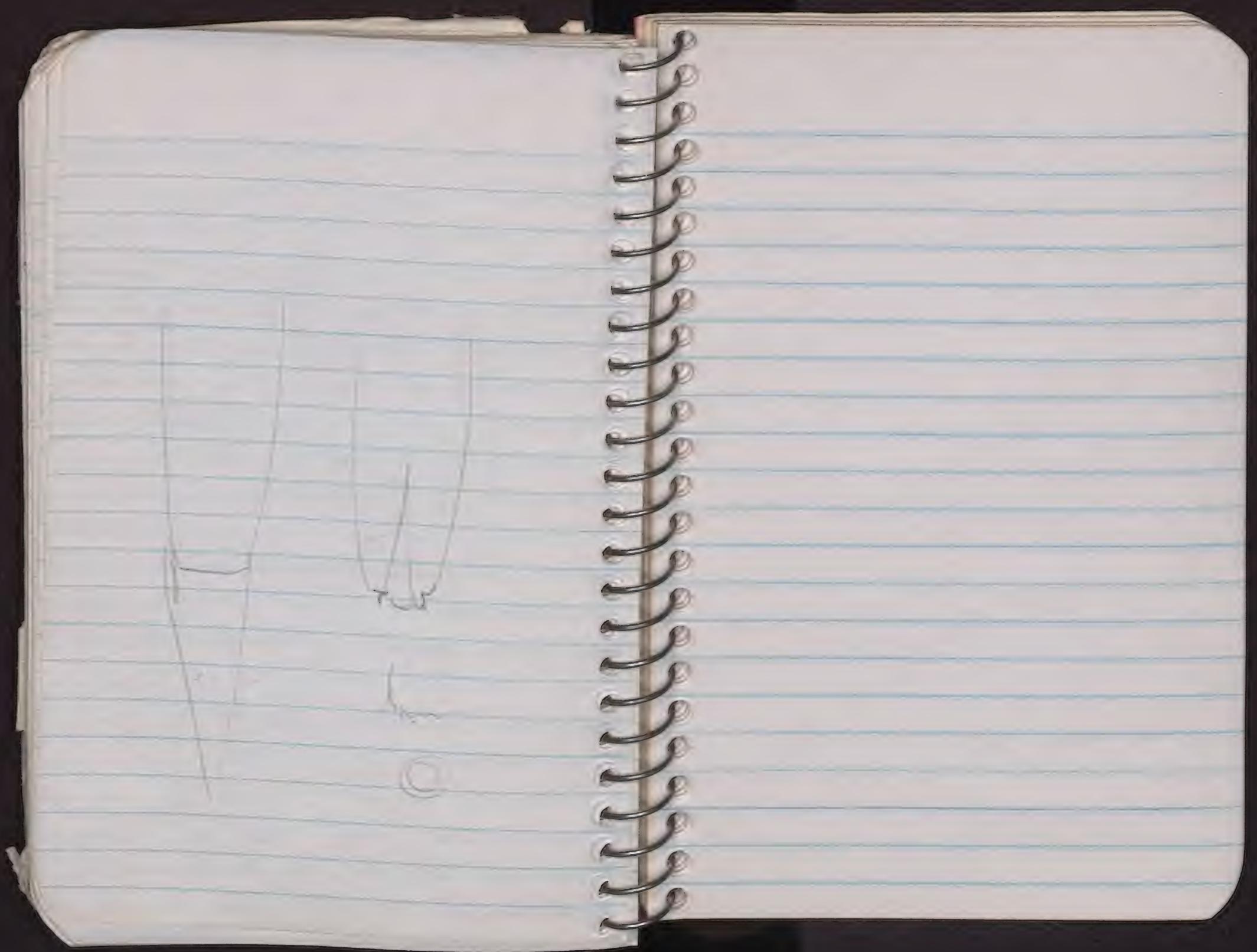
R. portoricensis

Bahia -

R. everts
lanata
leptilis
polypera
stolonifera
purpurea

Baltia





FAA - leaves

Flowers, first of flowers,
+ 3 km from La Orotava
toward the Río de la
Encina -
foliolatum foliolum
subsessile

2158

2156

some time our life.

Only the old ones.

3. 1971
Lemuridae, Primates
Lemuridae, Lemuridae, Lemuridae

2156

3. 1971
Lemuridae, Lemuridae, Lemuridae
The ruffed lemurs all day long.

2156
Lemuridae
F.A. - Lemuridae

2156
F.A. - Lemuridae

2156
F.A. - Lemuridae

2155

Nov. 3, 1971

Flora - flora
PA. flora
What is the flora of the Bahamas?
3 km from Lighthouse
the flora is all Bahamian.

PA. flora

PA. flora

2154

SIMSY

Flower of the
maple

flower of the

2153

Nov. 3, 1971

Flowers, flower of flower
3 km from Hwy 101
found the flower in
Bayaou -
Syllabocket section

F.A. = flower -
3:1 = flower -
PA = flower -

F.A.?

1518

flower & fruit

Other parts

1519

Mar. 3, 1972

Flowers, part of flower
3 like from 6-10 in
format like Rhipsalis
but without midrib
leaves

PA = leaves

Always full of leaves?

leaves -

format like Rhipsalis

2152

MS

Flowers & (tr.)

PA = leaves

2152

MS

Flowers & (tr.)

PA = leaves

is 6612

~~Use a, however, since
some letters that
most people have~~

6-178

~~FAA-200-1, 1/1970~~

~~Deutschland sehr~~

~~Some letters that~~ ~~some letters that~~
~~some letters that~~ ~~some letters that~~

~~no site - 1/12/02~~

flow + (mz)

Alb. 420; see dm.
9.51 long neck
9.60, 60" hot, neck
11.00 white tail
11.00, 11.00, 11.00
11.00, 11.00, 11.00

6412

2148 1971.1.1
Folio 1, Ductile Power
and, Lead, Bone Folio
Krebs, R. B. 1971.1.1
Molten Water Trial 9
9.09.60" Rad. No. 1
79.051, Long. No. 1
alt. 480 mm
After photograph measurement

1971.1.1.1
Folio 1, Ductile Power
and, Lead, Bone Folio
Krebs, R. B. 1971.1.1
Molten Water Trial 5-8
9.09.50" Rad. No. 1
79.051, Long. No. 1
alt. 580 mm
After photograph measurement

F.A. = Lead, no shcr.

thru flow: conduct

~~F.A. No. 1~~ ? no?

Flow

rocas parte de

2182

2184

2231

2250

~~FAA = floors, floors, floors~~

~~thick to thin to thin to~~

~~1.1 m. 1.1 m.~~

79.51, long. west.

9.09, 50" 107. west

A. Alumina found 5-8

Bauxite to thin to thin to

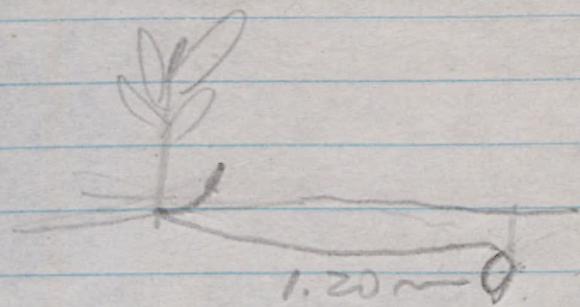
Fluorite, Fluorite, Fluorite

2146

Mar. 1, 1971

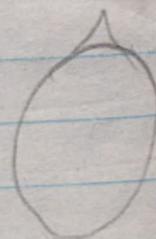
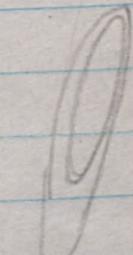
1971

shrub with



1.20 m.

58 179
28
12
62 65



62
11
73

1281, ~~1280~~
2. 10. 2